

# PATENT ABSTRACTS OF JAPAN

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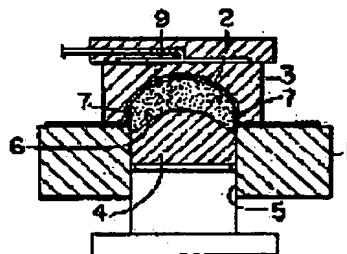
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(54) WET TYPE PRESS MOLDING METHOD AND DEVICE THEREFOR

(57)Abstract:

**PROBLEM TO BE SOLVED:** To improve the pulverization of the particle size of a stock powder, molding speed and green density and to prevent the cracks and fractures at the thickness edge face or the like of a molding body from developing and to improve its yield, by molding while a dispersing medium is being filtered from the outer peripheral face of the protrusion and the thickness face of a sectionally arched molding body.



**SOLUTION:** Filtering function is given to the portions, which connect between a projected side outer peripheral surface and an inner peripheral surface, of a mold. Concretely, in

order to assemble filtering materials 7 for filter dewatering in an upper mold 3, the molding space of the upper mold 3 is made somewhat larger so as to continuously arrange a filtering material 2 for the projected side outer peripheral surface and the filtering materials 7 for thickness edge face in order to allow to change both the filtering materials 2 and 7 in common. As a result, by performing the filter dewatering from slurry through the projected side outer peripheral surface side and simultaneously through the thickness edge faces, the molding density at the thickness edge face portion can be enhanced, the shrinkage at sintering can be uniformized and the pulverization of the particle side of a stock powder, higher molding speed and improved compact density can be realized.

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#### LEGAL STATUS

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